



Report Date: May 29, 2013

Laboratory Report

Nick Brasesco
Ray's Well Testing Service
4031 Shadowhill Drive
Santa Rosa, CA 95404

Project Name: **Lohrman - 048-121-31 & 58**

Lab Project: **3051710**

This 3 page report of analytical data has been reviewed and approved for release.

A handwritten signature in blue ink that reads "M Peters".

Michele Peters

Laboratory Manager



Total Coliform & E. Coli

Lab#	Sample ID	Compound Name	Result (MPN/100 mL)	RDL (MPN/100 mL)
3051710-01	Raw - Active Well	Total Coliform	210	1
		E. Coli	<1 QT	1

Date Sampled:	05/17/13	Date Analyzed:	05/18/13	QC Batch:	B012077
Date Received:	05/17/13	Method:	SM 9223 B-2004		

Graphite Furnace Metals

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
3051710-01	Raw - Active Well	Arsenic (As)	ND	2.0

Date Sampled:	05/17/13	Date Analyzed:	05/20/13	QC Batch:	B012079
Date Received:	05/17/13	Method:	EPA 200.9		



Notes and Definitions

QT	The bacterial test utilized is a quantitative test. A result of less than 1 (<1) is indicating bacteria are "absent" in 100 milliliters of sample water.
RDL	Reporting Detection Limit
ND	Analyte NOT DETECTED at or above the reporting detection limit (RDL)
RPD	Relative Percent Difference
NR	Not Reported

Please Note: California Department of Health Services recommended drinking water standards are as follows:

Arsenic (10 ug/L)
Iron (300 ug/L)
Manganese (50 ug/L)
Nitrate (45 mg/L)
Lead (15 ug/L)
Total Coliform (<1 MPN/100 mL)



Analytical Sciences
 P.O. Box 750336, Petaluma, CA 94975
 110 Liberty Street, Petaluma, CA 94952
 (707) 769-3128
 Fax (707) 769-8093

CHAIN OF CUSTODY

Lab Project Number: 3051710
 Project Name: LOHRMAN - 048-121-3 | 458
 Project Number: _____

CLIENT INFORMATION

Company Name: RAY'S WELL TESTING SERVICE

Address: 4031 SHADOWHILL DR
SANTA ROSA CA 95404

Contact: NICK BRADESCO

Phone #: 707-823-3191

Fax #: 707-317-0057

e-mail: RAYSWELLTESTING@GMAIL.COM

Geotracker EDF: Y N
 Global ID: _____

TURNAROUND TIME (check one)

Same Day _____ 72 hours _____ °C
 48 Hours _____ 24 Hours _____
 5 Days _____ Normal

Cooler Temperature _____
 Page _____ of _____

Item	Client Sample ID	Date Sampled	Time	Matrix	# Cont.	Presv. Y/N	ANALYSIS							Lab Sample #		
							Bacteria	Arsenic	Nitrates	Lead	Copper	Boron	Sodium		Chloride	Comments
1	RAW-ACTIVE WEL	5-17-13	1:00 PM				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							3051710	-01
2																
3																
4																
5																
6																
7																
8																
9																

SIGNATURES

Relinquished By: [Signature] Signature
 Date: 5-17-13 Time: 1435

Sampled By: [Signature] Signature
 Date: 5-17-13 Time: 1435

Received By: [Signature] Signature
 Date: 5-17-13 Time: 1435



Report Date: May 29, 2013

Laboratory Report

Nick Brasesco
Ray's Well Testing Service
4031 Shadowhill Drive
Santa Rosa, CA 95404

Project Name: **Lohrman - 048-121-04**

Lab Project: **3051709**

This 3 page report of analytical data has been reviewed and approved for release.

A handwritten signature in blue ink that reads "M Peters".

Michele Peters

Laboratory Manager



Total Coliform & E. Coli

Lab#	Sample ID	Compound Name	Result (MPN/100 mL)	RDL (MPN/100 mL)
3051709-01	Raw - Drilled Well	Total Coliform	14	1
		E. Coli	<1 QT	1

Date Sampled:	05/17/13	Date Analyzed:	05/18/13	QC Batch:	B012077
Date Received:	05/17/13	Method:	SM 9223 B-2004		

Graphite Furnace Metals

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
3051709-01	Raw - Drilled Well	Arsenic (As)	2.0	2.0

Date Sampled:	05/17/13	Date Analyzed:	05/20/13	QC Batch:	B012079
Date Received:	05/17/13	Method:	EPA 200.9		



Notes and Definitions

QT	The bacterial test utilized is a quantitative test. A result of less than 1 (<1) is indicating bacteria are "absent" in 100 milliliters of sample water.
RDL	Reporting Detection Limit
ND	Analyte NOT DETECTED at or above the reporting detection limit (RDL)
RPD	Relative Percent Difference
NR	Not Reported

Please Note: California Department of Health Services recommended drinking water standards are as follows:

Arsenic (10 ug/L)
Iron (300 ug/L)
Manganese (50 ug/L)
Nitrate (45 mg/L)
Lead (15 ug/L)
Total Coliform (<1 MPN/100 mL)



Analytical Sciences
 P.O. Box 750336, Petaluma, CA 94975
 110 Liberty Street, Petaluma, CA 94952
 (707) 769-3128
 Fax (707) 769-8093

CHAIN OF CUSTODY

Lab Project Number: 3051709
 Project Name: LOHRMAN - 048-121 -04
 Project Number: _____

CLIENT INFORMATION

Company Name: RAY'S WELL TESTING SERVICE

Address: 4031 SHADOWHILL DR
SANTA ROSA CA 95404

Contact: NICK BRADESCO

Phone #: 707-823-3191

Fax #: 707-317-0057

e-mail: RAYSWELLTESTING@GMAIL.COM

Geotracker EDF: ___ Y ___ N
 Global ID: _____

TURNAROUND TIME (check one)

Same Day _____ 72 hours _____
 48 Hours _____ 24 Hours _____
 5 Days _____ Normal

Cooler Temperature _____ °C

Page ___ of ___

Item	Client Sample ID	Date Sampled	Time	Matrix	# Cont.	Presv. Y/N	ANALYSIS							Lab Sample #		
							Bacteria	Arsenic	Nitrates	Lead	Copper	Boron	Sodium		Chloride	Comments
1	RAW-DRIELED WELL	5-17-13	12 PM				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							3051709	-01
2																
3																
4																
5																
6																
7																
8																
9																

SIGNATURES

Relinquished By: [Signature] Signature
 Date: 5-17-13 Time: 1435

Sampled By: [Signature] Signature
 Date: 5-17-13 Time: 1435

Received By: [Signature] Signature
 Date: 5-17-13 Time: 1435



WELL TESTING SERVICE

Phone: (707) 823-3191 **Fax:** (707) 317-0057 **Email:** rayswelltesting@gmail.com
Address: 4031 Shadowhill Dr, Santa Rosa Ca 95404 **CA Lic. #:** 903708

Report of Mineral Analysis

DATE: 5/17/13

CUSTOMER NAME: Karl Bundesen

PROPERTY ADDRESS: Lohrman Ln , Petaluma Ca

PARAMETER	RESULT		RECOMMENDED RANGES
	048-121-31&58	048-121-04	
PH	7.84	7.15	< 7 Increasingly acidic - may be corrosive 6.8 to 8.5 - Recommended Range >7 Increasingly alkaline - scaling may occur
TOTAL HARDNESS	13 gpg	17 gpg	< 1 gpg Soft 1 to 3.5 gpg Slightly Hard 3.5 to 7 gpg Moderately Hard 7 to 10.5 gpg Hard > 10.5 gpg Very Hard
TOTAL IRON	0.26 mg/l	0.09 mg/l	0.3 mg/l - EPA Recommended Limit
TOTAL MANGANESE	0.08 mg/l	0.16 mg/l	0.05 mg/l - EPA Recommended Limit
TOTAL DISSOLVED SOLIDS	280 mg/l	362 mg/l	500 mg/l - EPA Recommended Limit
NITRATES	3.4 mg/l	19.8 mg/l	45 mg/l - EPA Recommended Limit
SILICA	57 mg/l	54 mg/l	*There is no EPA recommended Limit
VISUAL APPEARANCE	Clear	Clear	

*Silica is increasingly reported as a nuisance at levels above 50 mg/l. 30 mg/l to 70 mg/l is common.

Abbreviations: gpg = grains per gallon
mg/l = milligrams per liter
< = less than
> = greater than
nt = not tested
nd = not detected

IMPORTANT INFORMATION ON THE LIMITATIONS OF THIS REPORT:

The purpose of this report is to provide information regarding the general mineralogical character of a water supply. Unless specifically noted, this report does not include analysis for bacteria or any other health related contaminants. This analysis alone is therefore not suitable for determining the safety of a drinking water supply. This report is intended for the sole and exclusive use of our client named above. Our liability for error or omissions is expressly limited to the amount paid for the analysis.